

**fnmoc\_TotalWx\_IP\_10Series**

**Defense Information Infrastructure (DII)  
Common Operating Environment (COE)**

**Installation Procedures (IP)  
for the  
Total Weather Segment  
Release 1.0 Series**

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# 1 SCOPE

## 1.1 Identification

These Installation Procedures (IP) describe the installation of the Total Weather Browser Segment of the METCAST data distribution software, Release 1.0 Series, developed by Fleet Numerical Meteorology and Oceanography Center (FNMOC), Monterey, CA. This software is designed to run under the Defense Information Infrastructure (DII) Common Operating Environment (COE), release 3.1 or higher. The software runs under the following hardware and operating systems:

- Personal Computer (PC) running the Microsoft Windows NT 4.0 operating system with Service Pack 3 or higher, Windows 98, or Windows 2000.

This document has been developed in accordance with the *DII COE Developer Documentation Requirements, Version 2.0*.

## 1.2 System Overview

Total Weather is a lightweight client that provides a quick way to get textual observation data (METARs and TAFs) for stations selected by the user. After setting up the program to work with a server, the user simply enters or selects the ICAO call signs of the stations whose reports are desired, then tells the program to retrieve and display the reports.

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## 2 REFERENCED DOCUMENTS

### 2.1 Government Documents

DDR-2 23 January 1998	<i>Defense Information Infrastructure (DII) Common Operating Environment (COE) Developer Documentation Requirements, Version 2.0</i> , Defense Information Systems Agency, Joint Operability and Engineering Organization
Unnumbered 18 June 1998	<i>Software Requirements Specification for METCAST</i> , Space and Naval Warfare Systems Command, Environmental Systems Program Office (SPAWAR PMW-185), San Diego, CA
fnmoc_TotalWx_SVD_1001 16 November 2000	<i>Software Version Description for the Total Weather Browser, release 1.0.0.1</i>
fnmoc_TotalWx_UM_10Series 16 November 2000	<i>User Manual (UM) for the Total Weather Browser, release 1.0 Series</i>

### 2.2 Non-Government Documents

None.

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## **3 SYSTEM ENVIRONMENT**

### **3.1 System Requirements**

#### **3.1.1 Hardware Requirements**

The Total Weather segment is hosted on an IBM-Compatible Personal Computer (PC).

The following configuration is recommended:

- RAM: 96 MB minimum, 128 MB optimum  
Disk Space: 2 GB

#### **3.1.2 Operating System Requirements**

Microsoft Windows NT 4.0 with Service Pack 3, Windows 98 or Windows 2000.

#### **3.1.3 Kernel Requirements**

Not applicable.

### **3.2 System and Site Preparations**

#### **3.2.1 System Configuration**

The appropriate operating system (as described above) must be properly installed prior to loading the Total Weather segment.

In order to operate properly, the Total Weather browser requires access to an installed METCAST Server. The server need not be on the same machine as the Total Weather browser, but must be accessible via the network. Total Weather is supplied with a configuration that points it to servers at FNMOC.

#### **3.2.2 Operating System Preparation**

Information needed to prepare the operating system is found in the internal documentation for Windows NT 4.0 with Service Pack 3, Windows 98, or Windows 2000.

### **3.2.3 Tape/Disk Preparation**

The Total Weather segment software is delivered on a CD-ROM for the PC hardware environment. It is also available on the World Wide Web at <http://www.fnmoc.navy.mil> under the Software and Manuals link (password required).

## 4 INSTALLATION INSTRUCTIONS

The following procedures describe the installation of the Total Weather Segment software on the various target platforms.

### 4.1 Installation on PC (Windows NT 4.0, 98, 2000) Systems

#### 4.1.1 CD-ROM Booting Procedure for Windows Systems

1. Insert the CD-ROM containing the Total Weather software into the CD-ROM drive. If autorun is turned on for the CD-ROM, the disk will spin and the METCAST Client/JMV/Total Weather setup program will start automatically. Otherwise:
2. Click on the **Start** button at the lower left side of the screen.
3. Click on **Settings**.
4. Click on **Control Panel**.
5. Click on **Add/Remove Programs**.
6. Ensure the **Install/Uninstall** tab is selected and click on the **Install** button.
7. Click on the **Next** button.
8. The Command Line box in the next dialog should show `D:\SETUP.EXE` (assuming D is the letter assigned to the CD-ROM drive). If it does, click the **Finish** button to commence installation. When the setup program executes, the METCAST Client/JMV/Total Weather installation screen shown below will appear.



**Figure 1. Installation Screen for METCAST Client, JMV, and Total Weather**

To install Total Weather, click on the **Install Total Weather** button. Proceed to Section 4.1.3.

#### **4.1.2 Booting Procedure for Web Download Version for Windows Systems**

1. Using a web browser, go to <http://www.fnmoc.navy.mil>. Level I or II access is required to obtain the software. After logging in, navigate down to the Software and Manuals section in the left-hand menu, then click on the **Software and Manuals** link. On the page showing the available software, click on the Total Weather 1.0.x.x (latest version) link on the software page. Download the installation program TotalWx\_1\_0\_x\_x.exe (x.x being the minor version numbers) to a temporary directory on your hard drive.
2. Close the browser and double-click on the TotalWeather\_1\_0\_x\_x.exe icon in the directory where you downloaded the software. Click the **Next >** button on the opening screen to start the installation.

### 4.1.3 Installation on Windows Systems

1. Upon execution of the setup file, a Welcome window will appear to start the installation process. Click on the **Next** button.
2. A window will appear showing you your current proxy settings. These are automatically read from your Internet Explorer or Netscape settings. It is recommended that you accept the settings shown by clicking the **Next** button.
3. A Choose Destination Location window will appear. It is recommended that you click on the **Next** button to accept the default settings. A progress dialog will appear to show you the progress of the installation.
4. At the final Total Weather Installation Completed window, you can click on the **Launch Total Weather Now** button and then click on the **Finish** button if you want to start the Total Weather browser right away. This completes the installation. Clicking on the **Finish** button without the **Launch Total Weather Now** checkbox checked will simply exit the installation program.
5. Click on the **Exit** button in the METCAST/JMV/Total Weather installation window to close it.

## 4.2 Installation of Upgrades

Installation of upgrades will generally follow the same procedures listed above.

## 4.3 Installation Verification

The Windows NT Add/Remove Programs item under the Control Panel can be used to verify the presence of the software in the directories to which it was installed

## 4.4 Initializing the Software

No initialization is specifically required. The graphical user interface (GUI) of the Total Weather browser program allows the user to set the addresses of the data servers to be used (defaults are supplied with the installation).. See the *Total Weather User Manual* referenced in Section 2.1 for details.

## 4.5 List of Changes and Enhancements

This section is tailored out. A list of changes and enhancements in this release is contained in Appendix B of the *Software Version Description* cited in Section 2.1.

## **4.6 Important Considerations**

This section is tailored out.

## 5 NOTES

### 5.1 Glossary of Acronyms

COE	Common Operating Environment
DII	Defense Information Infrastructure
FNMOCC	Fleet Numerical Meteorology and Oceanography Center
GUI	Graphical User Interface
HTTP	Hyper-Text Transfer Protocol
IP	Installation Procedure
IP	Internet Protocol
METCAST	METOC Broadcast
METOC	Meteorological and Oceanographic
MIME	Multipurpose Internet Mail Extensions
PC	Personal Computer
SRS	Software Requirements Specification
SVD	Software Version Description
T&E	Test and Evaluation
TCP	Transport Control Protocol
UM	User Manual

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